

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 July 2003 (31.07.2003)

PCT

(10) International Publication Number
WO 2003/062398 A3

(51) International Patent Classification⁷: **C07H 21/02**,
C07K 1/00, 16/00, A61K 39/00, C12Q 1/00, 1/68, G01N
33/53, C12N 15/00, 5/00

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(21) International Application Number:
PCT/US2003/002174

(22) International Filing Date: 23 January 2003 (23.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/351,504 23 January 2002 (23.01.2002) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

(88) Date of publication of the international search report:
31 December 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: NEW TUMOR SUPPRESSOR GENE, p28ING5

(57) Abstract: This disclosure provides a novel tumor suppressor, referred to as p281NG5, nucleic acid molecules encoding this protein, and methods of making and using these molecules. Also provided are methods of ameliorating, treating, detecting, prognosing, and diagnosing diseases and conditions associated with abnormal p28ING5 expression, such as neoplasia. Kits are also



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/02174

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07H 21/02; C07K 1/00, 16/00; A61K 39/00; C12Q 1/00, 1/68; G01N 33/53; C12N 15/00, 5/00
US CL : 536/23.5; 530/350,387.1; 424/184.1; 435/ 4, 6, 7.1, 320.1, 325

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 536/23.5; 530/350,387.1; 424/184.1; 435/ 4, 6, 7.1, 320.1, 325

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
US PATENT AND WIPO DATABASES

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NCBI database for nucleic acids, National Center for Biotechnology Information, National Library of Medicine, NIH (Bethesda, MD, USA) Accession Number AF189286, September 23, 1999. 100% identical to SEQ ID NO:1 and 2.	1-4, 11-19, 41-43
Y		5-9, 26, 39
X	Geneseq Database, Derwent, (London, UK), Accession Number AAB82387, May 25, 2001, 94.3 % identity to SEQ ID NO:2.	1, 26, 38, 38
X	WO 01/36476 A2 (RIGEL PHARMACEUTICALS, INC.) 25 May 2001 (25.05.01), entire article.	1, 3, 5-9, 28-29
X	US 6,066,474 A (MARCUS) 23 May 2000 (23.05.2000), see entire document especially SEQ ID NO: 2, attached.	1, 3



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"&"

document member of the same patent family

Date of the actual completion of the international search

06 May 2003 (06.05.2003)

Date of mailing of the international search report

19 AUG 2003

Name and mailing address of the ISA/US

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Alexandria, Virginia 22313-1450

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